

WHAT IS CLAIMED IS:

1. A mounting structure of a hybrid optical module comprising:

a movable member that is supported by at least two  
5 shafts,

a recording medium drive apparatus including a hybrid optical module having a light emitting and receiving device mounted on said movable member, and

a driving coil attached to said movable member,

10 said hybrid optical module being slid on said shafts so as to perform a tracking operation on an optical recording medium, wherein

a portion of said hybrid optical module which is closer to one of said shafts when said hybrid optical module is  
15 mounted on said movable member is cut out in substantially parallel with said shaft, and by an angle which is substantially equal to an incident angle of an optical path with respect to a tracking direction of the optical recording medium.

20 2. The mounting structure of said hybrid optical module according to claim 1, wherein

a spindle motor is placed to be closer to one of said shafts in a direction of light incidence of an optical system  
25 including said hybrid optical module, and

said hybrid optical module having a cut portion which is closer to another one of said at least two shafts is mounted with a pick-up unit.

- 5 3. The mounting structure of said hybrid optical module according to claim 1, wherein

the angle by which said portion of said hybrid optical module is cut out is in a range of 30° to 45° substantially.

- 10 4. A recording medium drive apparatus comprising:

a movable member that is supported by at least two shafts, and

a polygonal hybrid optical module having a light emitting and receiving device which is mounted on said

- 15 movable member, and

a driving coil attached to said movable member,

said hybrid optical module being slid on said shafts so as to perform a tracking operation on a recording medium, wherein

- 20 a portion of said hybrid optical module which is closer to one of said shafts is cut out in substantially parallel with said shafts, and by an angle which is substantially equal to an incident angle of an optical path in a tracking direction of the recording medium.